 	<b>-</b>	laims	

Appli	cation	/Contro	l No.

09/938,134

Examiner

Vivek D. Koppikar

Applicant(s)/Patent under Reexamination

HOOTEN, JOSEPH E.

Art Unit

3626

-	R	Rejected
	=	Allowed

_	(Through numeral) Cancelled

Restricted

N	Non-Elected
_	Interference

A	Appeal
O	Objected

Cla		Date				1 1	Claim Date								1 (	Claim		Date												
, 1			$\neg$	$\overline{}$	T	Ť		$\neg$	1	516		$\neg$	Т	Т	Ť	Ť		Т	$\dashv$	<b>—</b>		+	Т	Т	т.	آث			$\neg$	$\dashv$
I = 1	Original	ဖွ								<del></del>	Original				İ					-	Original							- 1		
Final	į	8/4/06				1 1				Final	igi									Final	Ţ.	,				ΙI			-	
╙	ŏ	æ				1 1				ш.	ŏ									"	Ċ	.						ı		1
<b>—</b> —		_		+	-	H			- 1			$\vdash$	+	+	+	+-	┝╌╢	$\dashv$	-	-			+	+-	-	H	$\dashv$	$\dashv$	-+	-
$\vdash$	1	R	-	+	╀	-		-	-		51	$\vdash$	+	+	+	1	$\sqcup$		-	-	10		+	╀	1	Н	$\vdash$	$\dashv$	+	
$\vdash$	2	R	_	+	╄	Н	-	_	4		52	$\rightarrow$	-	+	-	+	Н	-		<u> </u>	10		+	+-	├-	$\vdash$	$\vdash$	-	-	
$\vdash$	3	R		↓_	₩	Ш	$\Box$		4		53	$\dashv$		4	4	_	$\sqcup$	$\dashv$		-	10		-	+-	$\vdash$	Н	$\dashv$	_		_
$\vdash$	4	R	$\perp$	$\bot$	↓_	$\sqcup$		_	1		54				_	╁	Н	$\vdash$		-	10		+	4-	⊢	Н	Н	_		_
$ldsymbol{ldsymbol{eta}}$	5	R		↓.	ļ	Ш	-	_	1		55			- -			Ш	$\perp$	_	_	10		_	—		Ш		_	_	
$\sqcup$	6	R		$\perp$	↓_	ļ	Ш	_	1		56	Ш	$\perp$	$\perp$	$\bot$	┸			_		10		- -	╁	<u> </u>	Ш		-	_	_
$\sqcup$	7	R	$\perp$	1	igspace	lacksquare			1		57	$\Box$	4	_		1			_		10		$\bot$	╄-	<u> </u>	$oxed{oxed}$	Ш	_	_	_
$\Box$	8					Ш			1		58				_	1	Ш	_	_	<u> </u>	10		_	╀	<u> </u>			_		
$ldsymbol{ldown}$	9				┸				]		59	$\sqcup$		$\perp$			Ш		_		10		┸	<u> </u>	<u> </u>				_	
Ш	10			$\perp$			Ш		]		60			_		1_	Ш			_	11		$\perp$	_	<u> </u>	$oxed{oxed}$	Ш	$\Box$	_	
	11					$\Box$	Ш		]	L	61	Ш		$\perp$	$\perp$	$\perp$	Ш	$\Box$	$\Box$		11	1		1	1_	L	Ш	$\sqcup$		
$\Box$	12	R					Ш				62	Ш	$\perp$	$\perp$	$\perp$		$\sqcup$	Ш	_	<u> </u>	11		1	1_	$\perp$		Ш	$\sqcup$	_	
$\Box$	13			$\perp$	$\perp$		Ш				63		ightharpoonup		$\perp$	1_	Ш	Ш	_	<u> </u>	11		$\perp$	$\perp$	$\perp$	_	Ш	$\sqcup$	_	
I	14	R				oxdot			]	L	64	$\Box$			$\perp$		Ш		_	L.	11			<u> </u>	1_	_	Ш	$\Box$		
	15	R		$oldsymbol{\mathbb{L}}$							65		$oxed{oxed}$					$\Box$			11			1.	$oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$	$oldsymbol{ol{ol{ol}}}}}}}}}}}}}}}}$				
	16	R		$\perp$	$oxed{\Box}$						66			$\perp$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Gamma}}}$	$\perp$		$\Box$			11									
	17	R			$\Gamma$						67			$\Box$							11				L					
	18	R					П	$\neg$			68		Т	Т	Т	Π					11			$\mathbf{I}^{-}$					$\Box$	
	19	R		1	$\top$	Π	П		1		69					Ι					11	9		Ι						
$\Box$	20	R	$\neg \vdash$	1	1	Π	П		1		70				$\top$	T			$\neg$		12	0	$\neg$	T						
$\Box$	21			$\top$	1-	T	П	1	1		71	П	1	$\top$	1	1	П		$\neg$		12		1	1	1	Г	П		1	
$\vdash$	22	Т	$\vdash$	$\top$	$\top$	$\top$	$\Box$	$\dashv$	1		72			$\top$	$\top$	$\top$	П	$\sqcap$	$\neg$		12	2	1	1	T	П				
$\vdash \vdash \vdash$	23	<del>                                     </del>	$\vdash$	$\top$	T	<del>                                     </del>	Н		1	<u> </u>	73	$\Box$	十	$\top$	+	1	П	$\sqcap$	$\dashv$		12		$\top$	$\top$	1	Т	Г	$\Box$		
$\vdash \vdash \vdash$		R		$\top$	$\top$	t	H	$\dashv$	1		74	1 1	$\dashv$	$\dashv$	十	+	П	$\vdash$	$\dashv$		12		$\top$	T	T	1	T	$\vdash$	一	
$\vdash$	25	Ë		+	+	$\vdash$	H		1		75	$\vdash$	+	$\dashv$	+	+	Т	$\vdash$	$\neg$		12	5	十	T	1	$t^{-}$		$\vdash$	寸	_
$\vdash$	26	$\vdash$	$\vdash$	+	+	+	$\vdash$	$\dashv$	1		76		$\dashv$	$\dashv$	+	T	T	$\vdash$	$\dashv$		12	<u>á</u>	_	†	T	T	$\vdash$	$\vdash$	_	
<del></del>	27		$\vdash$	+	+	$\vdash$		+	1	$\vdash$	77	H	$\dashv$	+	+-	+	$\vdash$	$\vdash \vdash$	$\dashv$		12		+	+-	†-	t		$\forall$	┪	
$\vdash$	28	$\vdash$	$\vdash \vdash$	+	╁	+	Н	$\dashv$	1	<del>                                     </del>	78	$\vdash$	$\dashv$	+	$\dashv$	+-	$\vdash$	┝╌┤	$\dashv$	-	12	8	+	┿	1	$\vdash$	$\vdash$	$\vdash$	$\dashv$	
	29	⊢	$\vdash$	+-	+	$\vdash$		+	-	_	79	$\vdash$	$\dashv$	+	╁	+	+-		ᅱ	$\vdash$	12		+	╁	╁	$\vdash$	-	$\vdash$	-	
$\vdash \vdash \vdash$	30	-		+	+	$\vdash$	$\vdash$		┨	<u> </u>	80	H	+	+	+-	+	1	╁	$\dashv$	$\vdash$	13		+-	+	╁	$\vdash$	$\vdash$	$\vdash$		
	31	<del> </del>	$\vdash$	+	+	$\vdash$	$\vdash$	$\dashv$	$\dashv$	<u> </u>	81	$\vdash$	+	+	+	+-	1-	$\vdash$	$\dashv$	-	13			+	+	$\vdash$	┢	$\vdash \vdash$		
<del></del>			$\vdash$	+-	+	$\vdash$	$\vdash$	+	┨	<del> </del>	82	⊢┤	-+	+	+	╁	+-	$\vdash$	$\dashv$	$\vdash$	13		+	+	+	+	<del>  -</del>	$\vdash$	-	_
$\vdash$	32		$\vdash$	+	╁╌	╀╌	$\vdash \vdash$	+	┨		83	$\vdash \vdash$	$\dashv$	+	+	+-	$\vdash$	$\vdash$	$\dashv$	$\vdash$	13	-	+	+	+	$\vdash$	$\vdash$	$\vdash$	$\dashv$	_
$\vdash \vdash \vdash$	33	<u> </u>	-	+	+	┼	┞┈┤	+	-	-		$\vdash \vdash$	+	+	+	+	$\vdash$	$\vdash$	$\dashv$	-	13		+	+	+	╀	H	$\vdash$		
<b>  </b>	34	<del> </del> —	$\vdash$	+	+	⊢	$\vdash \vdash$	+	-	<u> </u>	84	$\vdash \vdash$	+	+		+	$\vdash$	$\vdash$	$\dashv$	-	13	<del></del>	+	+-	+	$\vdash$	<del>                                     </del>		$\dashv$	
	35		$\vdash \vdash$	+	+	╀-	$\vdash$	+	4	₩	85	H	$\dashv$	+	- -	+	₩	$\vdash$	-				+	+-	+	+	$\vdash$	$\vdash$	$\dashv$	
$\sqcup$	36	⊢	$\vdash$	+	+	<del> </del>	$\vdash$	_	4	<u> </u>	86	$\vdash \vdash$	$\dashv$	+	+	+		$\vdash \vdash$	$\dashv$	-	13	9	+	+	╀	├-	$\vdash$	$\vdash$		_
$\vdash$	37	ļ	$\vdash \vdash$	+	$\perp$	$\vdash$	$\square$	$-\!$	4	<u> </u>	87	$\sqcup$	$\dashv$	+		+	╀	${oxdot}$	_	_	13		+	+-	+-	╀	<del> </del> —	$\vdash \vdash$	-	
$\square$	38	<u> </u>	$\vdash \vdash$	$\bot$	$\bot$		Ш		4	<u> </u>	88	$\sqcup$	_	$\perp$	4	+		Н	$\dashv$		13	<u> </u>	4	+-	+-	-	<u> </u>	${oldsymbol{arphi}}$	_	
$\sqcup$	39	<u> </u>	$\sqcup$	$\bot$	<b> </b> _	$\vdash$	Ш	_	4		89	$\sqcup$	_	4	$\perp$	+	ـ	$\vdash \downarrow$	_	<u> </u>	13		4	$\bot$	╀		<u> </u>	Н		
$\square$	40	<u> </u>	$\vdash$	$\bot$	$\perp$	ـ	Ш		4	<u> </u>	90	$\sqcup$	$\dashv$	_	4	+	┞-	$\sqcup$	$\dashv$	<u> </u>	14		+	$\perp$	+-	₩	<b>!</b>	$\vdash \downarrow$	_	_
$\square$	41	_	$\sqcup$	┸	1_	↓_	Щ	_	4		91	_	_	_	$\perp$	+	ـ	$\sqcup$	_	<u> </u>	14		$\perp$	1	╀-	1	<u> </u>	Ш		_
	42	_	$\sqcup$	$\bot$	1_	<u> </u>	Ш		4	<u></u>	92	Ш	$\perp$		丄	1	↓_	Ш	_	<u> </u>	14		$\perp$	4		ــــ	<u> </u>	$\sqcup$	ļ	_
$\square$	43	<u> </u>	$\sqcup$	┸	1		Ш	$\perp$	4		93	Ш	_	4	$\perp$	$\perp$	$oldsymbol{oldsymbol{oldsymbol{eta}}}$	Ш	_	<u> </u>	14	3		4	1_	$\perp$	<u> </u>	Ш	_	
$\sqcup \sqcup$	44	<u> </u>	$\sqcup \bot$	$\perp$	_	<u> </u>	Ш		_		94	Ш		$\perp$	ᆚ	$\bot$	<u> </u>	Ш	$\Box$		14		$\perp$	_	1	1_	<u> </u>	Ш	_	
	45	Ĺ							_		95	Ш	$\perp$	$\perp$				$\Box$	$\Box$	$\perp$	14		_	┸	$\perp$	$oxed{oxed}$	$oxed{oxed}$	Ш		
	46			⊥		$oxedsymbol{ox{oxedsymbol{oxedsymbol{oxedsymbol{ox{oxedsymbol{ox{oxedsymbol{oxedsymbol{ox{oxedsymbol{oxedsymbol{ox{oxed}}}}}}$			╛		96	$oxed{\Box}$						$\Box$		L	14	6	$\perp$	1	1_	_	<u> </u>	$\Box$		
	47			$oxed{\Box}$	$\Box$						97			$\Box$	floor	$oldsymbol{\mathbb{L}}$		$\Box$			14			Ĺ		L	$L^{T}$		]	
	48			Ι	Ι						98			$\Box$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$	$oxed{oxed}$					14		$oldsymbol{\mathbb{L}}$	$\perp$	L					
	49			Т	Τ		П		7		99	$\Box$	$\Box$			Τ		╚			14			Ţ	$L^{-}$				]	
1 1					-	_	1 -	-	┪	-	100	-	$\neg$	_	$\overline{}$	$\neg$		$\overline{}$	$\neg$		14	0	1	7	$\overline{}$		1	г		